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1 jemintimenime


 as at accompanined by tho bodyb
owned black Mercedes. Page 2
Us lande thenge pregmancy table: The uS
has the highest rate of tenage pregnancies and
hirths amons the births amont the developed nations, accorving to a
study reported by hie ofunnal of the American Med.
ical Association Page
Dinozaur egs proves a hitt A

 Medlators hopes over Bosnlas: The
international mediator in Bosnia, Carl Bid, said he
hoped that western forces wouvid not be neeeded in

Juppe bracks curt in working wooks Mr Alain
Juppe, Frances seantreright prime minister, gave a wanm receptitan to proposesals from Miche Rocarc, ing bours rom 39 a week to 32 hours to create mor
jobs, Page 3
 Baris Yeltsin's plan to end theer offensive in Checch
 OKCN Jolnes bid for trinsport order UK vith Germani ensineering compunile gruas vith Geiruar engmeering companies kraus Maifei, Mak/Rbeinmetall and Weesmann to bid for the spbr

Bertelsmann and
CLT aim to create
media partnership media partnership



 warnings emanating frim US companies in recant
wreets. The warnings have set the stage for $a$ mixed frititquarter results season from US companies in the coming weeks. Page 17




 Road to monetary union will be bumpy says EMI By Androw Fishor and Peter
Norman in Frankturtt
 Mrion Alexandre Lampatussy, had head
of the of the European Monetary listi-
tute, warned yesterdiay,
wat there was a "reasonably high probabil.
ity that it could start on time in
Januart, 1999.
 no certrinties, said the president
of the forerunner of the plamed
Buro Ruyo iean central beank when
asked if he belevean the date
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 towards meeting the convergence
citretria glaid down in the Maas-
tricht Treaty耳is hopes that Emu could start
on schedinle contrast with the
 Ing and industrial circles that
postponement might ne nees.
sary as countries grapple with econamaic and budget problems.
A Apart from Luxemburg.
Baropean Umion member mets Apart from Luxembourg. oo
Earapean UMron member meets
aill the criteria
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 Ther repar concersus sted that gov.
ernments still had much to do. Last year's overall public sector
defecit in the EU was 4.7 per cent
of gross of gross domestic product and
mont states werie well above the
Masastricht celining of 3 per cent.
 "A stratery of toograduan intally.
vements in
ched over a logal policies thet.
cher
 enpet the converyence criteria.
methe year 1996 will be of crucial
Continued on Page 16
old themes, new money, Page 2



## EU agrees to buy surplus beef


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US economic data provide further signs of recovery
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## By Michaol Prowse In Wastington

 The us indes of leadingindicators registered its largest indicators registered its largest
gain in
20 gain in 20 years in Yebruary,
providing further evidene of
economic recovery, according to
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£184.5 million development financing

QUEXCO LIMITED

to acquire lead businesses in Germany, Italy, France and Austria

led by
Apax Partners

New Equity Investors led by Debt Facilities Underwritten by arar Parmers \& Co Ventures L Chemical Bank
HSBC Privare Equiry Banque Paribas
Prudential Vencures
Lloyds Bank
Advisers to Quexco
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Apax Partners \& Co
${ }^{15}$ Portand Place. London WIN 3AA 4 Park Square East, Leeds LSI 2NE Telepbone 01132423040

## Rocky times at the cradle of freedom

Lech Walesa went back to his old job only to find a Polish shipyard at odds with a government of former communists


Income tax cut urged by BMW chairman By Wolfgang
in Munich Mr Bernd Pischetrrieder,
chairuan of BMM, yevterday
urged the German government urged the German yoverermendent
to ralse value added tax and
cut incomet tax to ralse value
cut tincome tax
His call come His call come a day atter the
chalrman of Dresdner Bank
trtacked the

 costs of production in Car.
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failure to cumbat ristny uoem. fixiure to cumbatr ristni uoem.
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At BNT Ansual yews con.
ference, Mr Pischetsrieder said:
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 duction ol proxts yand serrvies
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favourable effert ou the costs


 such in move would have no
effrect oun comptition as all
vehicle makers would be affected.
Chancellor Hclmut Kohl said
cecently he remained recently he remained firmuly
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Int this partiamuntary term
 tiond of the fre Demone minitistry the
juoior partner in the Bonn
jut coaltion
advishorst Teltschik, a former
adiser to Chancellor Kobl

 policy:
other
Pischessrieder nalso joined

 bag, and accused the govern. encs.
The inereasingly hlunt come.
ments from business are unusual, asi German companiea lobbying to the industry feder
ations. But the federatioos have lost much of their effige-
tiveness hecausa nf internal anchuents.
BMW results. Page 17


Deutsche Bank's latest Annual Financial Statements:

## Transparent, comprehensive and international

We are the first German bank to prepare a "crystal-clear" balance sheet. We have done so in response to the greater demands for transparency and information quality. Major features of our Consolidated Financial Statements according to IAS, an accounting method recognized worldwide, are:

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Service telephone 069/5074341
information also available on the internet:
http://www.deutsche-bank.de

## Please send me the

a Annual Report and/or
$\square$ CD-ROM
Containing Deutsche Bank's IAS
Consolidated Financial Statements for 1995


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|  |  |  | NEWS: WORLD TRADE |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| By Tony Walker in Befjing and Haig Simonian in London | not pinning everything down. Ms Stevenson Yang attrt bnted the delay in publication | cannot he certain they will be exempt and this is adding uncertainty to feasibility | bs entitled to exemption But he central government is nsisting it "reapprove" bun- | ect" said Mr Rudy Schlais, the executive heading GM's plans. It aill not be advantageous |
| Foreign investors who have | of regulations to continuing | studiss. | dreds of projects authorised h y | the proies |
| been scrambling for project | discussion within the bareau- cracy ahout ertteria for pro- | of which | local governments in a rush of activity before the April | China for the long term. |
| uncertainty over tbe rules | jects which might be eligih | phe |  | the manager leading Mercedes. |
| imposing duties on imports of |  |  | This suggests the centre is | e |
| capital |  |  |  | project would face 2 serious |
| avestors complain ahout |  | Council estimates the imposi- |  | relief were removed. |
| lack of trans | eien.f |  |  | Mr Andrer |
| April 1 1. of the tax exemi | sut these would |  |  | S |
| on imports of plant and equip- | large |  |  |  |
| ment may jeoparase new pro- | sion would rest with State |  | ning to huld an upscaie |  |
| automotive groups Genera | Consideration will almo | from | and Mercedes Benz a m | aritin Posth, the manag |
| Motors and Mercedes-Benz | certainly be given to exe | panies. which argue the relief | proiects would rely | d member of Volkswa- |
| they haven't published the r | and Mercedes. BASF. which | unfart compeititive advar | and |  |
| Uuations." said Ms Anne Stev. | planning a atann petrochemical complex on the | The central government also saw the move as a way to |  | ago. believes domestic manu. |
| Business Council "But it's | of Shanghai. could also get spe- | increase revenues. | and robots.es, macine lools | ermment not to endangar the |
| clear they want to leare them selves some wiggle room hy | cial treatment. <br> But these large investors | China had ruled that projects approved before April is would | "We are not in a position to say if it would hreak the proj- | local car and component industries". |



| CONTRACTS \& TENDERS |  |
| :---: | :---: |
| UNITED STATES BANKRUPTCY COURT FOR THE DISTRICT OF OREGON |  |
| in re | Chapter 11 |
| COLUMBIA WESTERN, INC. | Case No. 395-33394-ELP11 |
| Dehtor |  |
| nomes. |  |
| to all creditors of the debtor, including holders of debentures. all stockholders of the debtor. and all other parties in interest: |  |
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## WORLD TRADE NEWS DIGEST

US warns HK on pirate traders




 among the world's best "hut a a massive increase in pirate
compact disp productoo in China [music, video and sotware)
over the met
 It said a group called the International Intellectual Property
Alliance estimated 119s5 losses due to piracy at $\boldsymbol{s i 3 0} \mathbf{m}$ leaving out business software losses.
The US kus unger the Hong gong government at the most
senior Jevels to crack down on hawkers and retailers and the





National Power in Pakistan

 Ms Benazir Binn it tronbled privatisation proer manmee Earlie this year. the government fatied to privatise United. Bank the
secund lagreat bank. National Fower had offered to baya 26

French shipyard in US contract
 cruise ships with an option for a third.
The contract it confurmed by the end


Airbus sets up large jet division





| arket for its textile and comdity exports. | cated negotiations over tariff structures for some of the slow |
| :---: | :---: |
|  | progress. |
| governm | Domestic US political opposi- |
| port B | tion to speedy moves towaris |
| guarantes and the Overseas | trade normalisation has also |
| (Opic) | Washington insists, as it |
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| arge corporation | malised, that the Us pri |
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| nt ATET and General Elec- | Viemam |
| hoping | get a sense |
| structure contracts in vietram |  |
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| sages they carry have not | m |
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Russia blocks controls on arms exports

| mony Burns in Londo | of controlled |
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| Russia was yesterday blocking | 12 was also |
| tional attempts to con. | ticipants including non-rrms |
| solidate a new post-Cold War | exparters such as Japan could |
| gime governlng | raise specificin |
| Senior officed gials representing | relating to conventional |
| 31 western and farmer commu. | The |
| nist countries began two days |  |
| or talks simed at corrdin |  |
| ols | responsinility and transpar- |
| conventional arim | ency in controlling |
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| Ent | clearer gridelines woold |
| European and | clearer guidelines would |
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| feared their coumtry |  |
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| lid | the new arrangement has |
| 隹 Vienna meeting is the |  |
| first plenary session to take | country's defence officials |
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| last year replaced cocom, |  |
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| the | countries such as |
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| ement, includir |  |
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| nange information on a | currency. |




## How not to impress the government of Turkmenistan

Sander Thoenes on the pitfalls awaiting foreign companies hoping to do business in the gas-rich central Asian country


## Mubarak, Assad in talks on Gaza curb

Eryt's President Hosn Mubarak made an unerpected
 Assad. his Syrian counterpart amid hejghtened tension
hetieen israel and its Arab
neightoours over Israels curbs neightours over israe 's curbs
oo the movement of Palestin-
ians from Gaza and the West Eank. tries bhye expressed insititaionat Israel's measures against
the ralestimins following
wave of suicide bombings by wave of suicide bombings by
Islamic militants last month
Mr


 destroy the peace process." be
daid in Ciaro.
safic

 suspended last mooth after the
suicide bombinge. The leaders
vere were expected to discuss
alarminc reports in the Arab
press that radionctive waste
has leated from press that radioactive waste
has leaked from Israel's
nuclear reactor at Dimona in naclear reactor at
the Negever Deser.
Mr Yossi Sanal, Isral's envi ronment minister, has denied
the Dimona nuclear complex
posed ann hazara, but Egyz posed any hazara, hut Egyp
tian monitiors have been sent
to the Israli border to check to tbe Israeii border to check
radiation levels. Yesterday, the Arab League called a meeting
of its permanent representatives for next week to discus
the issue.

- Palestinian President Yassi - Ralestinian President Yassir proposal by lsrael's Prime Min-
ister Shimon Peres for a refersendum in Israel on a a future
permanent peace deal with the permanent peace deal with the
phian Renter reports from
Gapa. Gay This is completely agains
wbat bas been agreed." M
 ilight to the Arab state o
Oman, effectively remoring in Isral less than twon debasth
before the May 29 elections.



## Indian opinion poll forecasts hung parliament

| By Mark Nicholson In New Dalhl |
| :---: |
| India's first big preelection opinion poll bas forecast a bong parliament, with Congress remaining the biggest single party after the Apria-may tion Hindn nationalist Bbarativa Janata party wonld make solid gains, but be unable to form a government. <br> The poll found voters more concerned abont employment and inflation than corruption as an issue. despite the recent political pay- |
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## Japan railway <br> Ministry of Financial Crisis

sell-off in view



CONTRACTS \& TENDERS



Vietnam
cracks
down on
drinking

## AIA-PACIFC NEWS DIGEST

## Thai foreign minister to quit

Kr Kasem Kasemssi, Thailand's Loreign minister, pians to
 yerterday. Mr Kirsem, a former permanent secretary at
foreinm ministry, has indicated for several months he is
onhepy
 members of his own Nam Thas party and overshaacowed
internationany hy other leadersin the seven-party walition government of Mr Banhara Sipaarcha, prime minister. Thai
Mri Aumunay Vravan deputy prime minister and Nam Then



 border with Mahysia have beean mudertaken by Gen Chavalit
Tod Bardacke Banghok
Yonchaiyuchh, defence minisiste.
China seeks to win HK opinion

 Chaced Ali-page adyertisements in several Hong Kang


 Yeesteridaya a aviverisements coincided with reports in the

 200 boat people to be freed







 their-detention and will not be granted residents' rightsim
Hong Kong. However, they will be allowed to wark Mr Lai
 also to return them to Taiwan, where many claimed
nationadity.
John Ridxting, Hong Kong

KL slaps curbs on speculative stock

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manipulate.
Yesterday's action involved
mating Super Enterprise a
"designated" stock. This means
hayers suast produce cash with
huyers 3 must produce eash with
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in late trading. The Second
Baord Index of smaler capotith
isation stocks fen some
cant . ${ }^{\text {This is the first time the }}$
authorities have $\tau_{\text {desto }}$
authorities have "designated"
an individual stock smex Sep.
tember 1994, hut tbey have
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fined for some hatingem
ing requirements

pain later on ing to becks womich
araren risig withoot tany reanh,
said Mr David Eates, of Ashin




just 25,000 in Vietham, witich
bas a larger population.

Republicans seek political capital out of NY case

## Drug ruling by judge

 stirs critics of Clinton- by Jurak Martin, us
Edthor, in Washington

A foderal judge's decision in
New York ints week to reverse
his own ruling in case may have temporarily cooied a particularly hot con.
toveresy. buit the role of the independent US jule of the
Hikely to remain a buiciary is Hikely to remain a bone of of pilt Judge Harold Baar,
appointed
President Binl the bench by

 police did not have "probable
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effective Republican commar- for having rigorously applied
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That brought hima much critScism, on the epounds that he
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topet the president was intent
on folsting on the country.

 ondy legal way to force ethe
removal nd members of the fed-
erat indiclary, who are aypoointed for Hife. was tho oopenty yalrmed thase the presi-
dents torgh dent loneh stance against
ctime milit be undermined by
Republican use of Judige be a Repubican use of Judge Bae
as the -willie


## US teen pregnancy rate high

| The uS has the highest rate of | are unintended, , it | nancies, per 1,000 girls 15 to 19 |
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| temaxe preguancies and biriths | A team from the Centers for | years oid, by 1990. Birth rates |
|  | Conntrol and |  |
| yesterday by the Joum nal of the | ied the number of preena | 1980-85, but increased by 18 per |
| merican Medical Assoclation, | births and abortions among | cent in 1985.90 reaching 59.9 |
| Pr reports from Wasblington | teenagers. | births per 1,000 giris 15 to 19 |
| espite similiar rates of | The report sald that the | years old in 19990. |
| dence | preg | Rates of abortions among |
|  | farly stable trom 1980 |  |
| oped countri |  | with 35.8 per 1.000 giris |
|  | during the last balf of the | in that age range in 19800 and 36 |
| "An estimated | decade. | abortions per 1,000 girls in |

NEWS: THE AMERICAS

## Caribbean cold shoulder for Cuba trade


#### Abstract

$\begin{array}{llll}\text { By Pascal Fetcher in Havana - that started on Monday. In the end, } 14 & \text { Allan Marsh, marketing officer of the of Spam-based Repablic Rank and the }\end{array}$  and Tobagigo parizanisers blamed the lower partictpation on US legislation, introdeced on Morct 12 . Which tightens the lougstanding US lougstanding wich econemintens embargo agatst ciba by threatenting penaltiog agatst Cuba by threatening penaltizes agaimst foreign compuantes which "trat:- fic" in expropriated proper island of such property used to be  the communist ad dent Fhdel castro. When we   Cum Marketicg Company. Cuman official praised the "indepen- dence and resolntion" of the Caribbean ence and resolution" of the Cribbean uporters who had made the trip exporters who had made the trip. "cabans trade with the Caribhean is mportant and we hope it can yrow further, said Mr Orando Hernandez, Cuhan viceminiter for foreig trede Cuban viceminister for foreeign trade. Cuba's two-way trade with the Carib  Caban imports of oil and oil prodicts Hom Trinidad and TTobago and the Vetherlands Antiles. Caban exports from Trinidad and Tobago and the Nettherliands Antilies. Caban exports inchded cement, steel and pharmacen- ticals.


## Separatist factor stalks Quebec

Bouchard tries to counter business uncertainty, writes Bernard Simon

|  | fices in coming months. <br> But the clear message from | that his company is gradually unloading its entire portiolio of | admitted to the North American free trade agreement, nor | plan to expand a jointly-owned bus factory close to the US bor |
| :---: | :---: | :---: | :---: | :---: |
| Encland 25 years ago, the for- | ence last month was that the |  | the canadian dollar as its cur- | Mr Bouchard, who took over |
| mer philosophy lecturer has | biggest obstacle to a sustained | diversifying risk by increasing |  |  |
|  | recovery was political ancer | tbeir exposure outside the |  |  |
| ebecois accent , married a | tocal and foreign investors | Provinanceial markets' worries | have also roissed fears of civil |  |
| Sald |  |  |  |  |
|  |  |  | groups have said they | or referendum until be is |
| to enter politics in the late 1970 - was recently named |  |  |  |  |
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| foreigi invistment |  |  |  |  |
| Attractiog foreign capital is |  |  |  |  |
| part of Mr Bouchard's plan to |  | , |  | Telecom, the teleco |
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| r |  |  | were thinking of set. |  |
| nine provinces. Montreal's propenty market is in a deep |  |  | upeal. |  |
| slump. <br> Mr Bouchard |  |  | ayne dismisses the sug that he is regarded as a | moving to |
|  |  |  |  | In the |
| tical |  |  |  | he investment mood is likely |
| sus on economic and social | David Payue finds Cana | ce not difficult to |  | hinge on the |
| icy. He succeeded in securing |  |  |  | The need for |
| did require the deficit to be |  |  |  | drummed home to Quebec |
| eliminated within the next four | last October, which the federal. | which is currently 0.64 percent. | mber of | leaders earlier this year when |
|  | with a waier thin |  | eign investors bave | Mr bonchard's predecessor, Mr |
|  | 研 |  |  | $\begin{aligned} & \mathrm{t} 20 \\ & \mathrm{inn} \end{aligned}$ |
|  |  |  | GE | The clear message eiven |
| reduced weltare payments. Mr | dian pension fund boards says | Long-term investors have |  |  |
| warned that | that all but one of the funds | $\begin{aligned} & 10 \\ & 1 \end{aligned}$ |  | Payne was that they didnt |
| y sector of Quebec society be asked to make sacti- | have sold their Quebec secmi- | Quebec would be automatically | and UK-based Henlys Gronp |  |



Inventory. The longer it sits, the harder it is to move.

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Japan agrees exchange of ministry staff
By Michael Cassell,
Business Correspondent Britain's Department of Trade
and Industry and Japan's Ministry of International Trade eschanges senior offiticeas to
belp forge closer trading links betweo the tro countries.
 initiative emerged yesterday,
ooe wek before Mr Lan Lang,
lik trade and industry

 LT. Japan tride gap
Mr
Mang decribed
deision
 perpesented toe starn of
protwamme of serondmen
betwen the two ministries The first Japanese reecr bas been cbosen and will
artive in London in June for a
rwo enear stay. A senior DT1
 thers are expected to follow
both directions. The British departme
aready
officials eachanges year with or
 anly for sis-month periods. It
believed to be the firs
ime AITT has a amed time AITT has arged to any
progranmen invoving the
release of senior strifi for sucb reveasa of senior staff for sum
extended pericads
The MTI candidate is to The Mprt candidate is to be
appoited to wbat is being
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manageent position within
the
British
departomotive dieartment's mamuracturing seatetor inter which he UK wants to improve its
rading perfomance with
rapan. He will also perticipate io an analysis of the
effectiveness of UK automotive Trade associatlons.
The departments effort to
boost exports t Japan already includes the appolintment of nine export promoters. Whio
have been giver reponsibity
for helping US companies sell


Company loses asbestos appeal



THEBANKIR


\section*{Financial focus on Latin America

## Ia

## Ia


alie Apric caking place in the Brazilian economy and the
mportant restructuring of the banks with inportant restrucurring of ted bank wid institutions merging and radicaly altering the asiness and strages. The repor willichar latest bank results and comprehensive listings the Earlier this year we also reported on Argentina Mexico and Chile.
In the August 96 issue we will publish the Top 100 atin Americain banks listings giving the true
picture of bainhs 典: Latin America.

Since 1926, The Banker has been read and noted worldwide as the atuthoritative source of analysis and insight into international banking. Every July we also publish "The Top 1000 World Banks listings. Scrupulously researched, rigorousty the whole picture on the banking industry worldwide.



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 Cuise missiles contract for RAF
*isworth $\$ 990 \mathrm{~m}$







2e Defencequipment Consortium will compete aganst Thyssen and Vickers for contract to work with Giat

## GIN joins German bid for transport order

## UK NEWS DIGEST <br> European Court 'needs reform'

## 

 yesterday it wanted reforms in the counts procesturs andmore conssideration of indtuitual countries' traditions. The
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 EU overtakes Far East



## Ceilings from toughened glass

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## Head of Human Resources - Africa

Bulliding on success in a leading bank
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 perfoumance in the vallous natuonal otices. The tole calls for an ambitious and eneigetic Hh
protessional who will be evpeciled to act as patit of the leadership team. This is an excollent

Nairobi
Excellent
expatriate
package



We offer a chance pr a young, adventurous candidate to build a career in fundamatal equity analysis in one of Asia's most interesting emergip markets:
Our Thai research roupis an independent Research House. We sophisticated investrs, with and sophist direct contst wth our clients in the UK. Hong King frequent direct contet whth our clients in the U.K., Hong Kong
and Singapore We prefer applicantsfrith putstanding intellectual capabilities. preferably with someproven record in accounting or financial theory at first degre or , MBA level, or through professional qualification.
Prior experience in te inlustry is not necessary. but fund managers or analysts fokitg for a change of environment are potential, and will inclue paticipation in the Thai teams' profit sharing plan.
Please write, enclosing yar $(\mathbb{V}$, to:
Christopher J. Rowe,
DBS Securities UK Ltd,
DBS Securities UK Ltd,
70 Cannon Street, LondonECN 6A
$x$
DBS SECURTIES


Superb opportunity in global Emerging Markets

## EMERGING MARKETS MANAGER

## The Position

Portiolio Manager, reporting io Chiel
Investmenl

- Manago emergng markel equuty
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Quallicications
Minimum of 4 years' experience in
emering market portolio
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managemeni
Strong academic credentals. COnfident team player wilh excellent
imepersonal and communicanon
skils.

The Company
UK subsidiary of majer intemational
Sinanaciai lestrices grouw with over
S40bn under management.

- Rapuly expancing assets under
- Excellent investment track record.

The importance ol the position dictates
a highly compeeitive salary and benefils
package.
Please respond in writng io
Carole Jutd General Manager
Old Mutual international Assel Old Mutual international Assel
Managers (UK) Limited. 2 Bartiey Way.
Hook. Hampshrire. RG27 $9 \times \mathrm{A}$.

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FINANCIAL TIMES WEDNESDAY APRIL 31996

## Fund Manager

Pacific Basin (Ex Japan)
City

 Grupu's Heed Office is whesed in in La Defense. Parts.


The Position
The Requirements

- To introduce markeenng plans trooughout the
- Fuency in English. Other languages, especally French advantageous.
- To design npecial facilibies ro enhance existing
distribution anangemens.
- To assume full responsibility for these schemes, facilitate
change and drive the process. Directors, - Previous success in project management in a complex creative
enviconment - Desire to st
Group.


K/F ASSOCIATES


## Corporate Finance Executive

Specialist team - South Africa

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Competitive salary + benefits


 consultancy. idecally inchudiog exposure to
corporaxe finance eransamtions. Your kowledge of cone Sount Africen markerplace will be thorough,
your financinia/ analyyical interpersonal and your financin/anaalytical, interpersoonal and
presentation skills will be excellenur and you wo presectration skills will be excedient and
be able to demonstrate an ewareness of
commercial issucs. conemercial issues.
To apply, please write enclosing a CV and details
of your curcent remanneraion package. to: Mrs. C. M. Lambert. Assistant Director, Hambros Bank Limited. 41 Tower Hin,
London EC3N 4HA. Tel: $0171-4805000$. HAMBROSBANK


## Opportunities in European Commercial Real Estate new business development.



## Cars that run on cooking oil



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Chicago hopes its fledgling recyclables exchange will get a boost on the Internet，says Leyla Boulton Trading trash in cyberspace


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HUNGARIAN PRIVATISATION
AND STATE HOLDING COMPANY

## INVITATION TO BID







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May 12，1996，berwera 1200 and 14.00 hours
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Cencreran Manger
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HUNGARIAN PRIVATISATION
AND STATE HOLDING COMPANY

## Notice of tenders

for shares of two companies within the Hungarian electricity industry
 hereby gives notice of one round open tenders for the following：

 to specific rights of the employees to do so．
Tenderers are required to have consolidited shareholder funds of a book value equivilent to at least HuF
$17,2711110.000$ and are required oo have adequate experience in operating hydrocronon－ired power plans and to own pover planst with an aggregre instulled capaciy of at least 1,381 MW．

 such additional number of sharres（maximum $15 \%$ of

 Key conditions of the tenders include the following
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undereres will be obbliged to accepa various exising emploument policies of the
Lenderers will be obiged to accepe various exisisin e employment policies of the companies
lenderers will be obliged io submit tender seauniy with the bids in in the form


in more deaiil in the tender rules）in a seleded unmaked envelope at the time and place sei out below： Thurscay， 30 hh May， 1996 between 14.00 hours and 16.00 hours


 eligible to collect the information memoranda．Interested parries should arite providing pro nume of tina organization，the name，fax number and telephone number of the individual responsible at hax oryane of of heir Whether the orgenizzaion is intersesed in Buddepesti Tiszai or booh Three signed original versions of such aggrement


 the above address from 15.00 hours on Mondhy． 1 Sh A April 1996 ．Procedures to be followed in order to gain access
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rabte moments, providing moral inspira-

## Cherry picking the headlines



Theatre/Sarah Hemming

## Life and art

 , in 'The Last Romantics'F



## Music/Richard Fairman

## Vienna Philharmonic tampers with tradition

## 



官 BERLIN


- Woot Sbice story: by Bemstaln.


 Aceankens: 7.30 Pam ; Apr theatie
 Tot 1.312-4.433.3000 Utwet dincecte by Susen V. pooth.
 Sinnm Mor fop: Tom Tue-Thu


## DRESDEN

concient
Stokent Stima



## Personal View - Carl Bildt

## The important lessons of Bosnia

There is scarcely such a thing any more as a truly foreign policy


LETTERSTO IHE EDITOR, Number OneSonthwarkBridge London SEI $9 H L$



## Imbalance creating crisis in EU


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Emu hovers

China ignoring obligations

| From Sr Nicholas Garnett |  |
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| sed overhaul of an | London WIR 5P |


Widespread disgust

 Thie revelations about bhe way
in which meat is prodnced

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## Protection from regulation

| From Mfr Walter Stamers. Str, In our fast-moving times, when a rightoving presidential candidate takes up the cause of | opposition to welfare ( |
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| ing regulation in | Cambridge CB4 5NE. UK |

Chance for accountants to create strong voice From Nr Peter Snidh by
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Mrniti


## The road to

## Singapore




Robert Peston answers key questions about the dispute in the UK over whether the people should vote on a single European currency


## OBSERVER

A match for mad cows








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Some eve

## Stome pven belleve Hischier




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minds of hacks by trausslating complex farri issues, like
arimingenetary policy, into simple
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Chris stalls

## When one Claris goes, can the

other be far behindis goes, can the The South African financial resigustion of fangnce minister
Chrisisibenberg is now buys
speculating about the future of Speculating abobit the fature of Reserve Bank The two had worked
haxmoniously together. and their speeches often sounded as thoug
they had the same author. Bhey had the same author.










## - inancial Fime.

## 100 years ago

French foreifp policy
The fifst Orider of the Day in the
Senate Senate was not once of policy of the Goverament. M
 whe hoididay on the ground that
while a a ove of contidence was
not neesssary to the Ministry not tencessary to the Ministry,
hostile vote would weaken the hostile vote woold weaken
Minnsty in the eondact of
foreigen aftairs. The motion for forreisen affairs The motion for
adjourmment was rejected by 159

## 50 years ago

 World food shortageStepse leativg to the "present crissis in the world's food
supplese are set out in
British suppues are seat out in a a British yesterday. No early solotion to
the wheat shortage can be expected Although some same recovery in Burope is itiely next
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 mprochable, en earl| hall the
exportable supply in $1945-48$ exportable supply in 1945-16
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shortage of wheat, and supplies
are entirely ninadequate to meet are entiriclly 12ad, quate to meet
the needs of eatera co ontrics
where rice is the staple food.

# FINANCIAL TIMES 

Wednesday April 31996

NBC plans to aim TV channels at European PC users NBC, the US broadcasting group.
is planning to luuncha a number is planning to launch a number
of tevevison channels aimed at
computer users in European
mamkets.
The The group. Which recently
nuched the civic 2 thour satel.
 cany and has had preliminary
conversations with the Indene.
dent Television Commission in It UK . Jikely that Microsoft, the
software company wilj join US software company, will join
the venture and that prooram.
ming provided by Microsef will
be shown be shown The channel would offer a mix.
ture of educational and oromot.

 would range from computer
users in smail and mediumsized
companies to the serious home

 - also a joint venture with NBC

- mol July to coincide with the
Atanta olmpics. Atanta olympics.
The on- inie channel is being
launched with a conventional cable channol alongside the inter.
active on-ine servid The plan is
to have B considerable Cegree of to have \& considerable degree of
cross-promotion ebween tre two
channels. A similar pastern coold
 compnter channel for the Ger
man market can be launched this
year. year.
Last year the ITC in the UK gave permisslon for the showing
of apecial propaumeses abut
Microsoft Windows 95 on NBC
 Earopean cable and sateliite tele-
vision chanel
Under present regulations it Under present regulations tht
would be dificultht to of op permis
sion to have a wholy commerclal channel designed to promote a
particular business setor.
But the ITC believes there is a strong argument for exceptions
to be made for specialist services - such as a channel for computer Succ channels would also be
blocked under the culr ant Evivo-
pean Advertlsing Directive pean Advertlsing Directive -

which does allow a dedicated | bome shopping channel The ITC |
| :--- |
| is trying to persuade Brussels to | is trying to persuade Brussels to

adopt ta more flexibe
promotional channels. promotional channels.
If the rules are changed the
rcelieves there is a way round the probevem frere thas way round
launch computer channelis. The
lie launch computer channes.
same priniple might alsa apply
to other promotional channely to other promotional channels
The rind oforan of an
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pean Union regulation.


## THE LEX COLUMN

Broadcasting behemoth

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Placing of 3,386,581 Shares at up to US\$15.60 per Share

Templeton Investment Management Limited
Structuring Agent
Lever-Murphy Group

Rosvneshtirgbank
(Bank for Foreign Trade of the Russian Federation)

Lead Placing Agant
Morgan Grenfell \& Co. Limited
us Placing Agent
Deutsche Morgan Grenfell/C. J. Lawrence Inc.

## Templeton Russian and Eastern European Debt Fund

Deutsche Morgan Grenfell



## Ciba to sell Mettler Toledo for SFr919m

| By Daniet Green <br> Cibn, tbe Swiss drugs company. is to sell its Mettler Toledo weighing machine and to AEA Investors of tbe US for SFringm (5767m). <br> Ciba had announced in Octo ber 1996 that it planned to float Mettler Toledo. wbich had sales last year of more than sales last year of more than The <br> will e disposal is the frrst that will change ciba from being a cooglomerate in science-based undistries into a pharmaceuticals and nutritioo business. Last month it announced a merger with Basle rlval |
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## Ahold goes native in shopowner's paradise

The US will account for $60 \%$ of the Dutch retailer's sales, writes Ronald van de Krol



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Solvay surprises with 46\% advance Sy Jenry Luesty
Solvay, Belyinn's largest
chemicals compeny wited pre


\section*{| news onass |
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| Higher sales help |
| Cos | Cogema rise 15.8\%}



| SAINT-GOBAIN |  |  |
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| SAINT-GOBAIN IN 1995: NET INCOME OF 4.2 BLLLON FRENCH FRANCS |  |  |
| The Board of Directors of Suint-Gobain met on March 28, 1996 and approved the consolidated financial statements of the Group for |  |  |
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 Europe 31\%
Operation incomene is is $6.7 \%$ and represents $11.1 \%$ of salcs.
asains 9.87 in 1994. wanst 4 .




Minority interessss decreased significanily to 486 million

 Net income amouns 104.212 million Frecch Francs and
exxluding results of sules of non murrent asees 10.0023 mil-
 shares).
 dirue and invesment Rcquisitions.
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 The Baard of Dincerors will proposes or othe Annual General



 March 28. 1996 TEL.: 3 S3-1)

APPOINTMENTS ADVERTISING
Appears in the UK edinion every Weednesday \& Thurssday and in mee Inremational ediion every Friday.
For information on advertising in this section pleasse call: Rnbert Humt on +4401718734095
 as earnings surge
$\qquad$

| 8y Peter Wise in Lisbon | production of similar short |
| :---: | :---: |
| Arjo Wiggins Appleton, the Anglo-French paper group, is to support a Escobn (\$392m) investment in a new paper mactuine to integrate pulp production at Soporcel, Portugal's second biggest pulp and paper company. | pulp at much lower costs |
|  | Mr Barreto said |
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|  | Ess883bn in 1994, tua mainly to |
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| Soporcel, announcing a |  |
| its last year to Esili.2bn, said yesterday AWA had made |  |
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| 4 strategic decision not to sell its tuguese group and would back to make uncoated paper by 3000. |  |
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| Doubt had earlier been cast |  |
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| in state-controlled Soporcel, |  |
| of the group's European manu- |  |
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| facturing operations. |  |
| chairman, said the second to |  |
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| 650,000 tonnes of bleached ES |  |
| making operations. |  |
| uses about 4 ts per cent of itsannaal pulp production of |  |
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| 450.000 |  |
| Fall integration would place Soporcel among Europe's top three office paper producers and was an essential step to |  |
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|  | group's debt, which fenl from |
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Böhler-Uddeholm sale given warm reception



## BT/C\&W merger talks raise concerns in Germany

The UK operators have competing interests in the country's telecoms sector, writes Michael Lindemann

(Yet Nothing Slips Through Our Fingers)
We approach foreign exchange as a relationship business. So it is not the sheer volume of transactions which run through our worldwide trading rooms which sets us apart. It is the importance we place on each one.

## Apple may turn its back on mass market


Flat reception for true blue Pepsi relaunch

 Mutude: tenony, stase ind




## Aetna purchase highlights a growing trend

 Acquisition of US Healthcare may create national managed care group, writes Lisa BranstenCanadian
cable-TV cable-TV
groups to form link



## AEws DIGEST $\quad$ Allegheny-Teledyne

 takeover detailed|  |
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SWP shares up as trading starts


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farmers
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Canada air traffic sale complete rectianaian government has cympmpteded the sale of the air





 share of NLG 5 each. As NLG 1 .
inal dividend will he NLG 2.00 .
The final dividend will he payable, at the shareholder's option, either wholly in cash or wholly Shareholders are given the opportunity untit tha closing of the Amstardam Stock Exchange res will reeeive the dividend in cash, minus $25 \%$ dividend withholding tax
On 2 May 1996, after the close of trading on the Amsterdam Stock Exchange, tha number of
tock dividends entiting to one new share will be detarmined on the basis of the avarag stock dividends entiting to one new share will be detarmined on the basis ot the avarage the value of tha cash dividend. Tha number of stickdividends entith to ona new share will

The new ordinary shares rank fully for dividend for 1996 and ansuing financial years. Final
dividand taken in the form of ordinary shares is chargeable to tha share premium reserve and herefore exempt from Dutch withholding tax and income tax.
To round stock dividend holdings to exchangeable numbars, tha stock dividends can be
traded on the Amaterdam Stock Exchange from 6 May up to and including 10 May 1996. The calendar is as follows:
3 April - 2 May 1996 : Period for instructions concerning dividend options
2 May 1996
3 May 1996 : General meeting of shareholdars: approval of dividand proposa
$\begin{array}{lll}6 \text { May } 1996 \\ 6 \text { - } 10 \text { May } 1996 & \text { : Txadividend quotation } \\ \text { Trat }\end{array}$ 20 May 1996 : Final dividend payabla
Sharenolders who have deposited thair securities with a bank or stockbroker are requested to notify their choice within the determined period, through their bank. or stockhroker, to
National Westminster Bank PLC ICrawlay or or ABN AMRO Bank N.V.. Herangracht 595, 1017 within the determined period, your bank or stockbroker will make in general a choice for you. Shareholders who have not deposited their sacurities with a bank or stockbroker are equested to notity their choice directo in tha ordinary share register, will be notified individually of tha final dividend.
The preference and convertibla prefarence ahare dividend will be announced in an
odvertisement dated 6 May 1996.
ABN AMRO Holding N.V.

ABN•AMRO


ABN•AMRO Holding N.V.

INAL DIVIDEND 1995

## SA bank to mrket US cash management systems


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 Sid the






Newcrest rejects
Normandy plan



 Mald





Malaysian betting group ahead




Lend Lease buys UK stake

 Chelverton to help it become a "sienificant retail development
fore in Europe". Chelverton speciaises in out-ottown rotein
parks.
Bruce
Sanfu Motors mulls Burma move
 press reports No date was offered for the plant to be ready
and production targets were not given.
Reuter, Taipe

## Peregrine esult bolstered

 by sale ofstake in Invesco

| VOLKSWASEN AG <br> Wolfsburg <br> Invitrition to the Ordary Annual Meeting of Stockholers <br>  <br>  Am Dammist, 20355 Harrat <br> Agenda: <br> - Presermation of the cfinmed financal striterens, the and the Growp Manturnemr Report for the yer ended December 31, isgergether with the Reporof the <br> 2. Resolution on appariation of nes eamings ribable for <br> 3. Rescirion <br> 3. Resoltation en rarimion of the actions of it Board of <br> 4. Resplution an riceation of the ections of th Supervisory Board <br> . Resol than 158 <br> 5. Aospluni an phoval of an mber-compenterveement. <br> Appcirturemt sudntors for the fiscol yean 588 <br> Entutement tcr aspd the Ansual Meeting ostockhodders and to voring righta feits of endinary shares who, i cecerdance with the Articias of Associlon, daposit ther shives or entifigntes of depasit of thy May 28, 1308 ihe dopostory desgnated bow, ata notay or abank fer eennsal cepposfy of securbes and <br> The deposirey isroat Brtann is S.G Wartug \& Co. Lid. in London It is also pernuste, with the agreemens oa deposnory, to hold the <br>  |
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Annual General Meeting of Telefónica Shareholders.

## GOALS ACHIEVED IN 1995:

## GROWTH, EFFICIENCY; QUALITY AND STRENGTHENED POSITION.



| ECONONIC HIGHLGGHTS | TELEFÓNICA |  | CONSOUDATEDGROMS |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1994 | 1995 | 1994 | 1995 |
| Operaing Revenue (mill. Pta) | 1,283,536 | 1,372,674 | 1.578,850 | 1,740,557 |
| Operaing Profit (mill. Pta) | 366,938 | 390,419 | 432.397 | 509,882 |
| Incame before rax (mill. Pra) | 109,604 | 121,129 | 171.651 | 223.711 |
| (Net income (mill Pta) | 91.734 | 106,183 | 112.608 | 133,214 |

- SHAREHOLDER COMMITMEN

Our priority regarding our shareholders is that of improving their return on investment, and we are therefore dedicated to increasing revenue per line, achieving improved productivity levels, the self financing of the Group and the distribution of greater dvidends in line with the Group's results.

- CONFIRMED INTERNATIONAL LEADERSHIP

Troughout 1995, Teiefónica de España, trough its subsidiary Telefonica Internacional, confirmed its position of leadership in the competitive position of the operators under its management. expanding its activity to Mexico's long distance market and reaching an agreement to gain access to the cable TV business in Argentina As a consequence of this. policy, Telefónica has both
maintained and confirmed its position as 5pain's leading maintained and confirmed its position as 5pain's leading
multinational.


Telefónica

UK contracting gets filip as continuing businesses rise $28 \%$

## Tarmac passes low point



Liberty sees sharp fall as chief resigns
libely wo craikr naid distioctive prints, yesterday
announced the edpparture of tit
chief executive and warned of


 years. resigued ander thrree
otber directors stepped dowy



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Deutsche Telekom could buy Videotron
 The competitive situation in

 conanter tbe in invesion of it
bome market by British Tele

Thorn reveals music talks with Bertelsmann

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Woolwich loodeeply vuinerable. Having announced that

| Bad debt, lottery hits Littlewoods | Return of 70's-style development |  |
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chief xecutive

| By Clay Haris and Allison Smith | convert into a bank and Hoat on the stock market next year |
| :---: | :---: |
| Mr Peter Robinson auptly | Robinson's surprise departure, |
| three montiss as chief eg | Lrulnerable to a bid from |
| tive of Woolwidich Build | potential predator. Among |
| aty, the UK'a thimd large Mr | . Whose which might be inter- |
| sor, will retum as acting ief | lmaest life assurance grou |
| execurtive. | dhich is plaining to launch a |
| In a statement last | Apring and mo |
| had restgred mad that neitr | oration in in the autumn |
| it nor he | whin the sector came yester- |
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| Woolwich sid its plan | tod |

## Aim's success lifts first quarter market debuts



## Investors stay on sidelines ahead of US jobs data

By Richard Lapper
and Richard Wpater
in New York Government bond prices rose
geutly yesterday but trading
 boindays and Friday＇s seenly
azuited ius employment frig．
ures．All major bets［arel of GOVERNMENT GOVER
BONDS
until the markets see the col day．：said Mr Daveed on Fr ． senor European economist at
Bear Sternin in london＂Con－
sidering this is the forst weik in a new quarter，when thves
tors
berween theilir heeth on on portio lio asset reallocation you
loutd hardy have got a more
quite start． E．Economic data that was


Convertible issues dominate as trading remains subdued



| follo manager at AMP Asset Management，sald that the market was overrold last week and that＂gilts are looking exceptionally cheap．No one wants to sell gills lower．＂ |
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|  | UK power groups － $\int_{10}^{\prime \prime}$ rise poised to take up facilities for bids



| Samer tiskandar |  | of Allianz．The is |  | $\begin{aligned} & 200 \\ & \substack{200} \\ & \hline 0 ⿴ 囗 十 灬 \end{aligned}$ |  |  |  |  |  |
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|  |  |  | mants |  |  |  |  |  |  |
|  | converted in 2003 and 20045 thelast tranche，totalling Y Y | prompted the lead manage |  |  |  |  |  |  |  |
| ${ }_{\text {remained subdued，}}^{\text {primary market }}$ |  |  |  |  |  |  |  |  |  |
| coovertihle |  |  | Smas mivic |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | sor sume |
| INTERNATIONAL BONDS | sion．The deal．launched on March 26，was priced yesterday with a coupon of $2 \%$ per cent． at the high end of the indica． | at 86.80 ．The five－year bonds are callahle after three years |  |  |  |  |  |  |  |
|  |  |  | 退 |  |  |  | Dece 20011.875 |  |  |
|  |  |  | Len |  |  |  |  |  |  |
| TB Finance hroke new ground by making conversion mandatory on its latest issue of preference sbares exchange－ ahle into common shares of funds will qualify as tier－one | tive range of 2.224 per cent． | after the end of the second |  |  |  |  |  |  |  |
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|  |  |  | a cash alternative．．．on con－ version in place of Allianz |  | the financing arm of the |  |  | Treasuries．The first 5200 m |  |
|  | imterest from equity investars |  |  |  | raied 5250 m ，paying a fioatilng |  |  |  |  |
|  |  |  |  |  |  |  |  | offered a spread of 5 basis points．The lead manager，BNPCapital Markets，said the re |  |
| be |  |  |  |  | ${ }^{\text {ammonth }}$ Libor． |  |  |  |  |
|  | the first D－Mark denominated |  |  |  | DSSL．Bank tapped an existing |  |  |  | 5 motivated by very |
| Mandator |  |  | tul of small and medium－sized |  |  |  |  |  | ail dem |

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## MARKKETS REPORT

## CURRENCIES AND MONEY

## Dollar's rise stalls as trading activity slows

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 LONDON SHARE SERVIGE

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## Speculators still hot on the takeover trail



ÁpV RT.
HUNGARIAN PRIVATIZATION
AND STATE HOLDING COMPANY

## INVITATION TO BID



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    H-1133 Budapesc
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Dr. Istrin Moloir



| Another sudden hurst of takeover speculation involving a FTSE 100 consuruent - this ume Thorn EkM market was looking for to give lead. ing share prices a much needed lift yesterday <br> The latest bout of intense bid rumours accompanied a good rally in gilts and left the FT.SE 100 index at 3.723 .5 . up 10.1 on the day. <br> sented by the FT.SE Mid 250 index sented byther powerful demonstra. tion of the underlying strength of |
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FUTURE AND OPTIONS





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#### Abstract







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financtal times wednesday april 31996


FINANCLAL TIMES WEDNESDAY APRIL 3 199\％ NEW YORK STOCK EXCHANGE COMPOSITE PRICES

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## americ <br> Merger boom helps Dow to extend gain

| Wall Street <br> This week's batch of meryers dominate stock market activity on Wall street yesterday morning. while the main equity narrow ranges. uriies Richord Waters in Neiel York. <br> The Dou Jones Industrial Average of leading slocks was uncbitime, adding to the strong gain seen the day Slandard \& Poor's 500 index put on 0.08 at 633.81 . while the Nasdaq composite firmed 2.27 to 1.105.84. <br> The latest stock to get a boost trom an asreed takeover was Teledyne. the Califormian high-technology manufacturer, which bad unveiled a sghn <br> Chase Manhattan <br> Source. FT Enter <br> merger with Allegbeny Ludafter the market closed on Monday: <br> News of tbe deal. wbich would save Teledyne from an unwanted takeover by WHX, a $\$ 5^{3}$, jump in the embattled company's share price during the morning, to $\$ 33^{3} 4$. Alleghlevel which valued its all-stock offer for Teledyne at around S34.3 a share. WHX climbed $\$ 3:$ to $\$ 12^{\prime}$, a rise of more than 6 per cent. <br> The targets of the week's two otber big deals continued to |
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## Mexico, Brazil easier


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BUENOS AIRES was also Sesterdyy.
Sornligo fell hroady in
mornde and the blue-bip IPSA index was of
 of lower interest rates over
the siort tern while some
thought that there was even

Bargain hunting in S Africa





Paris up on undervaluation theory, rate hopes

## asia pacific

Nikkei overcomes early slide as Bangkok jumps 2.1\%





## Alpha the leader in the 64-bit revolution <br> The instigator of a remarkable

benerits for in fortunes sees positive benefits for the arts, education, and
science from recent advances in science from recent advances in computer power



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## - Profile: Ed MleCracken

## A profitable passion for innovation



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from outsidet the UK should dial: $+441718734378$

Innovation is the driver which makes Silicon Graphics one of
the fastest-growing and most profitable computer companies the fastest-growing and most profitable computer companies in the world. Ed McCracken, the chairman and chief
executive, is interviewed here by Rod Newing executive, is interviewed here by Rod Newing


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A shift in compan
culture is being ranslated into renewed growth in sales and strong
cash flow cash flo



## cran

The company that created Jurassic Park's dinosaurs

| Silicon Graphics is the world's leading manafactarer of hlghi performance nisual computing workstat ions, servers and sapercompating systems. <br> Tte company was founded in 1982 in Mountatn View, protessor at Stanford Duiver. sity to pioneer the three dimensional visnal computoped. Silicom Graphics now offiers a fall range of systems from desktop woristations to all nf which can run the same software applications. Silicon Graphics has Deen growing at 45 per cent each year amd recently announced Research, the world leader in large-scale snpercompating. These advanced systems are- | capabie of calculating thousands of millions of arithme <br> The comhined companies will have a turnover of Sthn. <br> Slicon Graphics achieve cystems were used to create the animated dinosaurs in Steven Spielberg's film, Jurassic Park: <br> Ed MiCCTacken jomed Silicon Graphies as chief execntive in 1984 after 16 years witu Bewiett Packand. He is Clinton's National Infrastructure Advisory Comecil, which advises the US administration on a national strategy to actelerate develop- ment of the information saperhighway. <br> Last year he received the National Medal of Techuol- ofy from President Clinton. |
| :---: | :---: |
| the two engtneering teams. Innovation at Silicon Graphics is not atmed just at the huslness market. Chips Sony Playstation and the next emeration Nintendo 64. Silicon Graphics is also working with Time Warner cahle in Orlando, Florda to provide the worid's most interactive cable TV system. |  |
| "Innovation often generates unexpected results and we are very attuned to the unexpected," says Mr McCracken. Weh aervers now use the |  |
| Orlando Time Warner technology for multimedia. When a server has more than 100,000 | $\begin{array}{cc} 1994 & 1895 \\ \text { Source: Datastreens } \end{array}$ |
| e comnection to a data | growing market. |
| then Silicon Graphics technoloby Lesary performance. |  |
| Te Tme Warn | ver |
| move st | McCrack |
| an electronic library for digital | 4uncky to meet tin |
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The maturing of Michael Dell



FINANCLAL TIMES WEDNESDAY APRIL 31996 *

Desktop computing
0
Dynamic forces at work
While user-companies are increasingly concerned about network management and the cost of running if systems, computer market are discovering that success often has more to do with marketing, distribution and sheer size, prowess, reports Paul Taylor



Indeed. further consolidation
appears likely follors as the the industry is the
reschaped.


 Bixitest

is momentous, remarkable and full of hazards.
Choose the most careful and experienced guide.
The Worldwide Web of today's Internet offers a tantalising foretaste of even greater wonders to come. Soon, the ability to access and exchange any combination of text, data, voice messages, sounds and moving images instantly will be commonplace. But while a net can be a great gatherer of riches of all kinds, can it not also be a snare for the unwary? At NEC we have no such fears. Our Multimedia Office System is already demonstrating the future: mobile computing seamlessly combined with multimedia on demand and multimedia collaboration is now a reality. It's the result of over 20 years experience in integrating computer and communications technologies. In fact, thanks to our long-term investment in research and development, we are unique in having expertise in every aspect of multimedia. So when you're looking for a guide through this new world, remember NEC has shaped every step of its evolution.
the multimedia (e)volution
实 $\%$ NEC

For further information, please contact:
NEC Corporation. Overseas Adverisisng Division, 7-1, Shiba,
 London W3 6UL. UK. Fdx 44-181-235-4942.

## Prices fall as sales battle intensifies

Home PC-buyers now seek out the very latest machines to avoid $T \begin{aligned} & \text { be North American per- } \\ & \text { sonal } \\ & \text { is hecomputer market }\end{aligned}$ in hecoming a battle corporate e purchaseser hy share of corporate purchases by slast
Incer and strugsle
malntain profts in tb

 sehtop PCS and ${ }^{\text {PC }}$
 and International Busines
Machines responded quickl
lith matcling or even dieep sith matching or
price reductions. At stake is the most proan arry uuch higher profit ma ns than standard PCs so wess buyerester and small bu he us cons pronit margins in
have dropped sharply over tbe
the
 namyins close to to per cent
Compaa Computer dom nates this segment with ran Iare. As a result, 1 ts operating
profits have geenerally hen iors for the past few years.
Now
NHP. IBM and en network server market an
hey claim to he gainin "Compaq hasas been winning ${ }^{2}$ PC servers because nobod we are in the game." sat BMI's PC serier sales prodew by年 per cents in the fourth quar intel. the leading supplier of dustry: is playing a centra ver the past two years, the chlp company has become one e maln circuit toard in a PC intel entered the moller-



 last month whule the large
is computer companies bat competition in the consuun
To setor remains intense.
To dren To differentiate their prod-
ucts. leading manuracturers
are hunching new models with faster milcroprocessors, added
features zad incresing idrge
"hundles" of preinstalled soft.
ware, at least twice a year.
Althougb consumer


Gatemay is not alone in try


## ing credibility is the socalled Network Comuter promoted y Larry Enispon, chatrunan and

 chief executivive of Oracle, the soffware suppller.PCS Elisen maintains that
 and to the Inter televevision
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workb. Whether or not the Network
Computer takes off. the blggest facturers is bow to maintanuslimer profit marrtus. In the cur
rent rent market enviroment, only
the larget manufacturers. who
can take advantage of the n take advantage of the
ooomies of scate to minimise
sts, appear likely to flourish.

## European PC market -

## Dell's sales grow rapidly in Japan and Asia-Pacific

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The shake-out starts
Europe's older indigenous manufacturers have performed unimpressively

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## "Dr awar and cover




 mainstream branded supplier
to post a profit in its PC
operations
Indeed, a spate of recent
announcements announcements suggest that
the longawanted consolidation
of the indigenous
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$\qquad$ IT Eroup transferred fitr loss
maaksig Zenith Data Systess
unit into Packard Bell the US unit into Packard Beel, the US
retadi specalaist as part of
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Japan. The deal was deacribed Japan. The deal was described
by nul chairman yean-Marie
Descarpectries, as a "wning Descarpentries, as a "winning
alliance. but Is seen by most
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Packard Bell while consobitat
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Such lon also requires a pane production
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 nave so far finialed to achaievers In
ontrast, almost all of the big
 anging that the ket to sucress
in Europpas elsewhere, cis.
think global, hut act local."

Rapid growth in the consumer sector of the PC market

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| Several trends in the PC market are behind the industry's woes. Most significant has consumer sector of the PC mai- |  |
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| ket, which is more pricesensi- |  |
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| government sectors. |  |
| This, in turn, has helped fuel the 'commoditisation' of the |  |
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| PC market in which most PC |  |
| standard components and sofware making their products |  |
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| very smilar. Thus, competition |  |
| Intel the leading chip-maker, |  |
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| has also played a central role |  |
| only has it been agres. |  |
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| microprocessors, it has only |  |
| become one of the world's sarg- |  |
| erboards. This, in turn, has |  |
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| makers' to fragment the market and intensify price compe- |  |
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| Bnt despite the pressures,some PC manufacturess con- |  |
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| Compaq Computer, the world market leader and Hewlett Packard, both continue to growstrongly. in part because they |  |
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 he Sportster Vi 28.8 Faxmodem with Personal Voice Madiciondides answering mochine a o the internet and puts all the conveniente of Plus Free Internet Special Starter Kit Free Trial membership with AOL online service includiting full Internet Access - Free Serial Cable and cónverted Frié CompuServe Trial Offer - Free Dual Telephone Adapter. .ACC Long Brtance-Low Cost Call Service



## Route to more creative use of computing power

As PCs offer increasing power at lower－ to provide competitive advantage to users through technical innovation

## I

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ing them on to PCs later． ing them on to PCs later．
As the testing ground for new technology．workstations velopment if he PC market
 the workstation yendors see
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to continue to compete．
 more complimentary，to PCS
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 ut．within tho years it would
ve available on a $a$ s．0．000 work－ would Eishiten months liter

An example of fnnovation in


## Enterprise servers - By Tom Foremski

## New ways to handle the data deluge

The high-speed ServerNet 'really Server Net rea puts a stake of the mainframe'
 rinute large amounts of data
Fors such takss., mainframe
have long been the trdition have long been the tradition,
solution. hut these system cannot elficiently handle huge
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The demands of new types of The demmands of new types of
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Ciientserier anthitectures ran
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Another technology that
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This essentialy builds net.
work architecture withina a work architecture withhn a
server in order to thande large
 width demands by performing
very fast Inputioutput func.
tions. Servernet ispur lions. Servervive is atruacting a
lot of artention beause it can
deal with different procecssors.
 Tandem's ServerNet is also 'a very significant technology for building clusters of computers out of cheaper PC platforms'

## and dea, with var communcations. <br> Sommuncations various types Servervect is basically a ve hilshene switchung syste   cost. Theoretically. ServerNet can ten nothology tosis. bandile as much ar ar 150 teran bytes per serond an enormus bytes per second an enormous bandwidthe capable of dealing with any current computer

 with any current computerapptication and setting a foun
dation for future applications

messaging. will demand more
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ajlel scalahle computer may be anel scalahle ecomputer may be
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Andersen Consulting, which works with large organisations
around the worrd on solving around the world on solving
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 John Kunzweiler. a partner
with Anderse consiniting.
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and voice. This drives an and voice. This drives an
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lawer the price and and increase he lower the price and increase
the performance of large
systems


## - cour rem

## Networking is moving to a new level

The growth in use month, will "cause the dater of commercial Unix servers in the past year has been phenomenal, writes Louise Kehoe ommerclal network II the Sum executive's predic.
servers represent one of
lion proves accurate. IBM is
 ry as corporate computer try as corporate computer
treers move top rapidy expand
networking throughout their networrsing throupughout the
organisations and beyont organisations and beyond.
While allost any typ of
computer can be linked to a

 Irs, ruming the Unix
Thesstem is soaring
These are the "ent These are the "enterp
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frall as the midrange co well as the eldrange comput
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merceial Unouth servers over the past year has been "phenoo
nanal" according to that the
deen Group. a Boston-base

 pubished in rearuary.
Hewtelt Packard set the pac
for the rest of the ind instry $b$


 revenues wree up 15 per
at
ant mbrarket sharite. 219
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FINANCIAL TIMES WEDNESDAY APRIL 31996
Desktop computing

- Storage management and now medfa By Geoff Nalm


Aoititooks, 1ike delks, never seem

 io whidic iope all you have to do is slot fin be deditional hard drive to get a mexpici 27GB surgge apadry
 of the front-loading MuribiBy to insert a CD-Rom drive, a second batiery pack or a $3.5^{4}$ diskette drive. Yor can. even connect the LTE 5000 to your network wich an optional MuhiBzy Expansion Base.

Telepbone as on 0990232425 For more information about the Corapaqu LTE 5000. If you want lye most

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WHATEVER IT TAKES ${ }^{*} \quad$ your place, call +31102588877 , fax us at +31102588878 , visit us
at http://wwu.digital.com or e-mail to moreinfo@digital.com. The honor will be all ours.

## M 4 H $0: 3$ Hi $A_{1}=$ 4 <br> $4 \times 510 \leq A E D$ <br> $A D / A N / A(E-$

Yóu're cordially invited to keep warehouses of information at your fingertips. Turn queries
that were once a waste of time into INFORMATION IN OVERDRIVE:
market leverage. Command 4 billion times the memory of 32 -bit systems. And reap the


Intense competition pushes prices down
Many businesses inkjets in
preference to mono laser printers
$T$ n the past year the desktop L has moved sbarply from Monochrome to colour.
The mono tokket sector $h$
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 The resultist that many mor of output trame thedrentration
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Darren Wall, UK colour prinuting programme manager
for manucacturer
Hew-lett-Packard, ssyys colotor is able to help hard-pressed exee Mano-anly injeets are no lon-
ger sold hy some of the leading vendors. it is ioubtrul whether ths




SIEMENS NIXDORF


Dot matrix printers are also ence for any printer mannfac-
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## Buyers are

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Another big
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Spending a day in Scodand witl do wonders for your expansion plans．
 home of a 5700 niitlion software marke And to meet some of the many names who have moved north to join the 20,000 people already working here． Like BuIl，Cray Systems，Adobe and Admiral－just a few of the 300 software companies located in Scotand．

To organise a visit that＇s tailor－made to your needs， ontact Locate in Scotland．You＇ll find our telephone／fax numbers and e －mail addresses detailed above．

We＇ll write you the kind of program that＇ll definitely
stay in your memors：
LOCATE IN SCOTLAND
0500666123

## Wider opportunities for collaborative computing



E Groupware battleground－By Louise Kehöe in San Francisce



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## Workflow system cuts costs

| Continued trom previous page： | Mr Voss，＂bnt not for their key－ |  |
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"Woice rocognition - By Jola strulingford
Talking to your PC is not as crazy as it sounds
${ }^{\text {'In }}$ In the next millennium, we will find that we are talking as much - or more - with are with humans'
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ncta can be trainet to under
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- Virus protaction - By Michael Dempsey High level of anxiety over security measures

| equate IT security against computer viruses and hackers is now regarded as a measure of wider corporate competence |  |  |  |  |  |
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|  | Martorelli of CSC's managemant consultaocy arm | OKS LKKE WEIPE | Wh | the computer virus as millitary ordnance had moved out of the realm of science fiction | of a local network of PCs and supervising a namber of secu- |
| sarfon was lost to computer-vi rus infection in the US in 1994. | believes there is one reas why security trreats are ero | Rely New TYP | E OF COMPUIER | and into the teaching of tactics. Two captains at the US | rity otilities. Disknet, they say, is "the security system |
| The Ifire for the previo |  |  |  | Air Farce Institute of Technol. | - enforcer, freeing network |
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| coming under scruting from | but block the poilt |  |  |  | ax |

## An endless tug-of-war on the desktop

While Microsoft might have won the first big battle in this arena, the shift to Internet-based systems - both for global prove to be the biggest threat to the software company's dominance on the desktop
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## Prospects

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 He beiriceves that the minnat
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## As costs fall, corporate interest rises rapidly



How has your desktop
fared so far?



## Room-based systems offer substantial benefits

When it comes to ideoconferencing permanent nstallation set up with microphones,
a large screen and a large screen and
special lighting





 car cost about 240.000 (ssationo
for the equipment,
panels panels, mitcropobonegn, anoustic spe
cial Hghting. But tor many
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Many companies not only
use videcoconferernang to municate bstween locations
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 into compatiblity problems.
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owin stand own standards and most videe.
conterencing systems were



## Software-only solution

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does.net.4.business@=E?
Find out who is really making money from the internet and online services, and what the future opportunities are for businesses.

Internet For Business serious analysis of new

For further information on this new FT Media Newsletter, please telephone +44 (0)171 8962234 or email nikkim@pearson-pro.com

financial times Telecoms \& Media Publishing

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## Race to improve picture quality

 cameras on computers will eventually beco|  | - | clearly the low bandwidth means that sacrifices in pic- | become more powerful, it makes more sense to use saft |
| :---: | :---: | :---: | :---: |
|  | I The development of cheap | ture quality must be II Even on a company'a inte | ware based comprisstion: For example, Intel and Microsoft |
|  |  | ideoc |  |
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|  | that desktop videocontereancing | and bring network ne |  |
|  | bmse ${ }^{\text {a }}$ |  | tuecmes at rates as |
|  | needs the support of improved and higher bandwidths to improve the quality of videocomerencing. | Ton lower |  |
|  |  |  | solutions. Microsorn is brilding |
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|  | Digital cameras have become | ज1c |  |
|  |  | nider 15 |  |
|  |  | barely watcoable and many | computer 0 |
|  |  | ers. Already, PC users can buy digital cameras such as Con |  |  |
|  | nectir's QuickCam for as little |  |  |
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|  | encing software and a network commection and it is posstble |  |  |
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|  | set up video links with col. leagues for under $\$ 200$ per |  |  |
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|  | $\begin{array}{cl}\text { The ability of a digital cam- } & \text { cing systems offer just five to which uses aoftware-based } \\ \text { era to display a clear, high res. } & \text { seven frames per second. }\end{array}$ |  |  |
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|  | olution image, is only a small part of the challenge in creat- |  |  |
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|  | better images is the bandwidth that has to be carried. And pression for now, by the ef |  |  |
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Statistics and modelling
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# How to make sense of the numbers 




For many businesses, statistical analysis is one of the most and maximise opportunities
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 and markat analygis consul-
taney, has long been a user of
SAS statistlcal loftware and SAS statistlcal software and
still reaards SAS as the market
leader. leaed.
However, Mr Ben Cooper.
principyal consultant on data-
base marketing at CAC. base marketng at CACL, says
that the company has also
adopted software from other
 nacral nas aiso begoun to wsitems and is
now evaluating the تield. A prodnct of this firld. . which
has attracted its attention

 and Comshare, for inclusion in
their product tines.
Rivhts manging director
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Chaid software has become Chusid software has become
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tools is growing fastest in the


Software at work
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Rising demand for desktop systems

- Statistice hin govermment - By Rod Newing


## Valuable insights won

How the Scottish up data analysis -As a statistician I need
make data accessible to
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Greater clarity
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How a lender can speedily check the risk of fraud


[^1]| Over 100 top suppliers - FT readers skip the queues and go right in. Hear from dozens of top users in the Incisive Research/Finance II Summit - FT readers get in free (others pay 5100 per session). <br> PLUS a series of major working demonstrations, dozens of frea suppler seminars and the FTT Club VIP Lounge where you can take a break, enfoy complimentary refreshments and read your complimentary copy of tha FT. |  |
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Healthy scepticism spawned the data warehouse industry Journalist and consultant Bill Inmon could not
accept what IBM was saving about relational databases. He developed the concept of a data warehouse to prove the giant computer company wrong - and now everybody wants
one. Rod Newing talked to the undisputed one. Rod Newing talked to the undisputed
'father of data warehousing' about how the concept helps managers to run their business and be more comperitive


Statistical software
Financial risks reduced

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Could software ever become self-repairing?

Software suppliers are beginning to think about an automated approach to maintenance as a result of the spread
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Customers are becoming choosier about services
The IT outsourcing market needs to re-examine some of its core assumptions, says
Charles Cox




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SECTION I - ABOUT THE FT AND FT.IT

1. How often do you read the Financial nmes: a) on weekdays b) on Satuicdays?

Every/nearly every issue
Quite often
Only when FT-TT is published
Only occasionally
Never normally

| Weekdays | Saturdays |
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| $\square$ | - |
| $\square$ | $\square^{2}$ |
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2. And how often do you read FT-IT? Every/nearly every issue Quite often $\square 1$ (13)

Only when I come across it
This is the first issue
3. Were you previously aware of the publishing programme of FT-TT (firset Wednosday of every month apart from January and August)? Yes, knew precisely
Knew it was monthy, but not which day $a_{1}$
$a_{2}$

Did not know programme
To look for new ideas
To understand the marketplace
To understand the technology
To find out what competitors are doing
To provide points for discussion
To look for new IT applications
To look out for new products
To find out about $T$ companies
To read about people in $I T$
To find out about problems associated with IT (Tick as many as you wish)
5. What do you do with your copy of FT-IT after you have read it? Pass it on to colleagues
File it for future
Throw it away


6al What sort of people do you feel PT-TT is written for?
(a) Which of these descriptions best fits you?

Non-IT Management who want to know how computers can help them
Other executives in companies using IT
IT Management
Management \& executives within IT companies
Analysts who track the IT sector
Students of Computer science

What other sources do you use for information about $\pi$ ? Other national newspapers
Specialist magazines
TV
Radio
Colleaguestiriends
Information from $I T$ company literature
Information from IT company
representatives
SECTION II - ABOUT YOU
8. Are you..?
9. Are you..?

|  | $\square_{1}$ | Female | $\square_{2}$ |
| :--- | :--- | :--- | :--- |
| Male | $\square_{1}$ |  |  |
| Under 25 | $\square_{1}$ | $45-54$ | $\square_{4}$ |
| $25-34$ | $\square_{2}$ | $55-64$ | $\square_{5}$ |
| $35-44$ | $\square_{3}$ | $65+$ | $\square_{6}$ |



From shotgun marriage to love affair

If in the secior of rked
market is reshaping relationships across the IT industry, forcing arch-rivals to collaborate and turning fierce competitors into top customers


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## Re-evaluation is crucia



600,000 visitors attend CeBIT 96 at Hanover

| CeBIT. claimed to be the world's higgest IT trade show. ahont 155.000 visitors last month -a fact that pleased the organisers who had a wel. pigh proportion of professional buyers, rather than general visitors. Last year the show attracted | the event, as well as numerons |
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| Home - is likely to attract |  |
| large numbers of private visitors from August 28 to Sep- |  |
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| New products at Comdex UK |  |
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| ethan 20,000 attendees |  |
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| have already registered for |  |
| lamehed at Earl's Court, Lov' |  |
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| The organisers report that |  |
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## What IT developments are taking place in your industry?

## You can find out by reading:

 Plosast send me further detalls of: Dimproving Retail Effliciency through EDI
$\square$ Electronic Data Interchange in the Automotive industry IThe Impact of Technology in the Travel Induatry


- ELECTRONIC DATA INTERCHANGE IN THE UTOMOTIVE INDUSTE
Managing information flows for greater profitability by Jerrold Donington
Competitive success in the automotive industry hinges on the effient performance of the supply chain. This FT research
report reviews the automotive industry's progress in report reviews the automotive industry's progress in
implementing EDI to enhance supply chain visibility and
increase profits.
- IMPROVING RETAIL EFFICIENCY THROUGHEDI
Managing the supply chain by Mike Hendry
This report assesses the critical factors and issues retailers wishing to integrate EDI into their business and computer systems must works and software packages. Ot her data communications technologies are compared with EDl and
factors influencing EDi's future development are discussed
- THE MMPACT OF TECBHOLOGY IN TRE


## MB-575/I

75MHz Pencrum Processor
EME RAM (eppandble to 40ME)
35 - diskette dive
540MB renorovale hard disk dive
NiMH battery and $A C$ adaptor NB-5120/I
As N-575 above but with
16 M R RAM (expandable to 40MB)

## Franding avaible

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